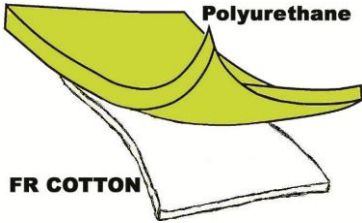





Garment Material Image	Garment Series Description
 <p><b>Polyurethane</b></p> <p><b>FR COTTON</b></p>	<p>This garment is known as the “Flex Arc” because of its unique ability to stretch with movement and give the wearer excellent range of motion and lightweight protection. Besides offering excellent weather protection, this garment also provides multi-hazard protection for electrical arc flash, flash fire, and high visibility requirements.</p>
	<p><b>Suggested Garment Applications</b></p> <ul style="list-style-type: none"> <li>• Electrical Utilities</li> <li>• Gas Companies</li> <li>• Electrical Maintenance Operations</li> <li>• Electrical Switching Operations</li> <li>• Utility Storm/Foul Weather Restoration</li> <li>• Meter &amp; Pipeline Servicing/Maintenance</li> </ul> <p><b>Garment Series Features</b></p> <ul style="list-style-type: none"> <li>• Stretchable Polyurethane Coating</li> <li>• Flame Resistant Cotton Base Fabric <u>Jacket (217AJ)</u></li> <li>• Zipper Front (Non-Conductive)</li> <li>• Storm Flap with Velcro® Closure</li> <li>• Storm Flap 3” Wide &amp; 19” Long</li> <li>• Tuck-Away Hood with Drawstring</li> <li>• Vented Nomex® Mesh Back</li> <li>• “D” Ring Access Port</li> <li>• Inner Left Breast Phone Pocket</li> <li>• Lower Side Patch Pockets (2) with Velcro® Flap Closure</li> <li>• Take-up Tabs with Velcro® on Wrists</li> <li>• Reflective Film (2” Silver) Around Chest &amp; Back, Upper Arms, Wrists, Harness-Style on Front, &amp; On Back Vent Parallel to Shoulder Seams <u>Bib Trousers (217BT)</u></li> <li>• Classic Bib Style Trousers Styling</li> <li>• Elastic Suspenders 36” Long and 1 ¼ Wide.</li> <li>• Non-Conductive Snap Closures &amp; Back Strap Divider</li> <li>• Storm Flap 3” Wide &amp; 19” Long</li> <li>• Take-up Tabs with Velcro® on Leg Cuffs</li> <li>• Reflective Film (2” Silver) 1.5” Circular Crotch Seal for Durability</li> <li>• Optional Safety Fly Snap (217BTF)</li> </ul>

 Arc Flash Protection  
ASTM F1891

 Flash Fire Protection  
ASTM F2733

 High Visibility  
ANSI/ISEA 107-2010

**3M** Scotchlite™  
Reflective Material



# Flex Arc – 217 Series



Garment Material Information										
<b>Material:</b>	Polyurethane/FR Cotton				<b>Base Fabric:</b>	FR Treated Cotton (72%)				
<b>Coating:</b>	Polyurethane (28%)			<b>Material Weight:</b>	10oz/sq.yd.(+/- .05)					
<b>Available Colors:</b>	Fluorescent Yellow & Fluorescent Orange									
Electrical Arc Data (ASTM F1891)										
<b>ATPV:</b> (Arc Thermal Performance Value)	FL Yellow = 19.0 Cal/cm <sup>2</sup>				FL Orange = 17.6 Cal/cm <sup>2</sup>					
<b>EBTAS:</b> (Est. Break-Open Threshold After Stoll)	FL Yellow = 33.2 Cal/cm <sup>2</sup>				FL Orange = 31 Cal/cm <sup>2</sup>					
<b>HAF:</b> (Heat Attenuation Factor)	FL Yellow = 87.2 Cal/cm <sup>2</sup>				FL Orange = 85 Cal/cm <sup>2</sup>					
Flash Fire Data (ASTM F2733)										
<b>Total Body Burn:</b> (Standard Coveralls)	34.16% (Average Total Burn Area)				6.56% (Average 3 <sup>rd</sup> Degree Burn)					
<b>Total Body Burn:</b> (As Sold Rainwear)	24.21% (Average Total Burn Area)				8.74% (Average 3 <sup>rd</sup> Degree Burn)					
High Visibility Data ANSI (107-2010)										
<b>Jacket/Coat Configuration:</b>	ANSI Class 3			<b>Bib Trouser Configuration:</b>	ANSI Class E					
Flex Arc Series Available Garment Options										
<b>Style:</b>	217AJ	<b>Item Number (S-2X):</b>	21217-00-1	<b>Item Number (3X-2X):</b>	21217-00-2					
<b>Description:</b>	Jacket w Tuck-Away Hood, 2" Reflective Tape, Front Pockets, & Take-Up Tabs									
<b>Style:</b>	217BT	<b>Item Number (S-2X):</b>	21217-12-1	<b>Item Number (3X-2X):</b>	21217-12-2					
<b>Description:</b>	Bib Trousers w Adjustable Straps, 2" Reflective Tape & Take-Up Tabs									
<b>Style:</b>	217BTF	<b>Item Number (S-2X):</b>	21217-13-1	<b>Item Number (3X-2X):</b>	21217-13-2					
<b>Description:</b>	Bib Trousers w Adjustable Straps, 2" Reflective Tape, Snap Fly, & Take-Up Tabs									
<b>Style:</b>	217AC	<b>Item Number (S-2X):</b>	21217-30-1	<b>Item Number (3X-2X):</b>	21217-30-2					
<b>Description:</b>	Coat w Tuck-Away Hood, 2" Reflective Tape, Front Pockets, & Take-Up Tabs									
Garment Sizing & Measurements (Inches)										
	<b>Jacket</b>	<b>S</b>	<b>M</b>	<b>L</b>	<b>XL</b>	<b>2X</b>	<b>3X</b>	<b>4X</b>	<b>5X</b>	<b>6X</b>
<b>Chest:</b>		48	51	55	59	63	67	71	74.5	78.5
<b>Arm Length:</b>		33.3	34.3	35.3	36	37	38	39	40	41
<b>Jacket Length:</b>		29.8	29.8	30	30	30.3	30.3	30.5	30.5	30.8
	<b>Bib Trousers</b>									
<b>Top of Bib:</b>		10.5	11	11.5	12	12.5	13	13.5	14	14.5
<b>Waist:</b>		49	51.5	54	56	58	60.5	63	65	67.5
<b>Inseam:</b>		28.5	28.8	29	29	29.3	29.3	29.5	29.5	29.8
	<b>Coat</b>									
<b>Chest Size:</b>		36-38	40-42	44-46	48-50	52-54	56-58	60-62	64-66	68-70
<b>Garment Chest:</b>		45	48	51	55	59	67	71	74.5	78.5
<b>Arm Length:</b>		33.3	34.3	35.3	36	37	38	39	40	41
<b>Coat Length:</b>		47	47.5	48	48.5	49	49.5	50	51.5	52
Garment Care Information										
	Synthetic Wash Reduced (Medium) Use Mild Detergent No Fabric Softeners									
	Do Not Iron									
	Do Not Use Chlorine Bleach									
	Do Not Tumble Dry – Line Dry Only									
	Do Not Dry Clean									